Declaration

I hereby declare that this thesis entitled "Acyl pyrazolones & their structural analogues: Synthesis, characterization, crystal structure and studies on their bio-active metal complexes" is my own work conducted under the supervision of Dr. R. N. Jadeja, in Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara (Gujarat)-390002 India and to the best of my knowledge it contains no material previously published by another person, nor material which to a substantial extent has been accepted for the award of any degree or diploma at any other educational institution, except where due acknowledgement is made in the thesis. Any contribution made to the research by anyone, with whom I have worked, during my candidature, is fully acknowledged.

I also declare that the intellectual content of this thesis is the product of my own work, except to the extent that assistance from others in the project's design and conception or in style, presentation and linguistic expression is acknowledged.

Date: 25/09/2012
Place: Vadodara

(Komal M. Vyas)